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OM nucleic - nucleic search, using sw model

Run on: March 18, 2002, 20:14:08 ; Search time 177.86 Seconds
(without alignments)
1160.022 Million cell updates/sec

Title: US-09-867-034-1
Perfect score: 911
Sequence: 1 ttttttttttcctgtttt.....caccgtgggtcctgggaagc 911

Scoring table:
IDENTITY_NUC
Gapop 10.0, Gapext 1.0

Searched: 351203 seqs, 113238999 residues

Total number of hits satisfying chosen parameters: 702406

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA.*
1: /cgn2_6/ptodata/2/ina/5A_COMB.seq.*
2: /cgn2_6/ptodata/2/ina/5B_COMB.seq.*
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq.*
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq.*
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq.*
6: /cgn2_6/ptodata/2/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	305.4	33.5	570	1	US-08-469-667-13
C 2	305.4	33.5	570	5	PCT-US95-07289-13
C 3	286.4	31.4	400	4	US-08-631-469B-3
C 4	265.4	29.1	403	3	US-08-476-705A-3
C 5	236.2	25.9	250	4	US-09-030-607-179
C 6	220.6	24.2	248	4	US-09-020-956-77
C 7	220.6	24.2	248	4	US-09-030-607-77
C 8	102	11.2	431	3	US-08-476-705A-1
C 9	102	11.2	431	4	US-08-631-469B-1
C 10	54	5.9	563	1	US-08-491-976-2
C 11	50	5.5	267	6	5514558-2
C 12	48	5.3	275	4	US-08-134-198E-1
C 13	48	5.3	275	4	US-08-134-198E-2
C 14	48	5.3	275	6	5514558-1
C 15	48	5.3	280	4	US-08-134-198E-3
C 16	48	5.3	280	6	5514558-3
C 17	44.6	4.9	198	3	US-08-782-480-16
C 18	44.6	4.9	198	4	US-08-954-211-16
C 19	37.8	4.1	486	4	US-09-060-756-643
C 20	37.6	4.1	3181	1	US-08-655-086-1
C 21	36.6	4.0	11558	5	PCT-US93-06251-23
C 22	35.4	3.9	7218	1	US-08-232-463-14
C 23	34.4	3.8	7218	1	US-08-232-463-14
C 24	34.4	3.8	9521	4	US-08-972-218-2
C 25	34.4	3.8	13905	4	US-08-972-218-1
C 26	33.6	3.7	1410	4	US-09-255-368-1
C 27	33.2	3.6	3083	2	US-08-480-994-36

C 28	33.2	3.6	3083	2	US-08-616-844-36
C 29	33.2	3.6	3083	2	US-08-599-654-36
C 30	33.2	3.6	3083	2	US-08-485-573-36
C 31	33.2	3.6	3083	3	US-08-944-868A-36
C 32	33.2	3.6	3083	3	US-08-944-423A-36
C 33	33.2	3.6	3083	3	US-08-925-743-36
C 34	33.2	3.6	3083	3	US-08-944-496-36
C 35	33.2	3.6	3083	4	US-08-925-767-36
C 36	33	3.6	4403765	4	US-09-103-840A-2
C 37	32.8	3.6	549	1	US-07-991-867B-28
C 38	32.8	3.6	549	1	US-08-107-755A-28
C 39	32.8	3.6	549	2	US-08-544-332-28
C 40	32.8	3.6	1511	1	US-07-991-867B-8
C 41	32.8	3.6	1511	1	US-08-107-755A-8
C 42	32.8	3.6	1511	2	US-08-544-332-8
C 43	32.8	3.6	3084	3	US-08-826-246-11
C 44	32.8	3.6	3084	3	US-08-944-495-11
C 45	32.8	3.6	3084	3	US-09-126-640-6

ALIGNMENTS

RESULT 1
US-08-469-667-13/C
; Sequence 13, Application US/08469667
; Patent No. 5733748
; GENERAL INFORMATION:
; APPLICANT: Yu, Guo-Liang
; APPLICANT: Rosen, Craig
; TITLE OF INVENTION: Colon Specific Genes and Proteins
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan, Cecchi,
; ADDRESSEE: Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: NJ
; COUNTRY: USA
; ZIP: 07068-1739
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,667
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Ferraro, Gregory D.
; REGISTRATION NUMBER: 36,134
; REFERENCE/DOCKET NUMBER: 325800-435
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 570 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 125..367
; FEATURE:
; NAME/KEY: mat_peptide
; LOCATION: 125..367
US-08-469-667-13

Query Match 33.5% Score 305.4; DB 1; Length 570;

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Best Local Similarity 85.7%; Pred. No. 2.1e-83;
Matches 431; Conservative 0; Mismatches 16; Indels 56; Gaps 6;

QY 413 tgctcctcggtgagcagtgagcctttattcgtttaagacatcagctccagatgaact 472
DB 552 TTTTTCGGGTGGAGCATGGGAC-----TACGTTAAACATCAGGCTCCAGATGAAT 499
QY 473 ttacagagaagcgtctgcgggagcaaaaggagacagaagctgagatgaacagtgctgg 532
DB 498 TTCAGCAGAAGGCGTT-CCGGAGCAAAAGGACAGAAAAGCTGAGATGAACAGTGCCTGG 440
QY 533 cagcaatcacagccgggcaaaaggtgctccgagcctcgatcccccgcc-gggggcagct 591
DB 439 CAGCAATCACAGCCGGGCAAGGCTGCTCGAGCCTCGCATCCCCCGCGGGGGCAGCT 380
QY 592 ggagtgctcagaaggtgcatctgctt---cctgcaggggcttgaacacacagggcac 648
DB 379 GGAGGTGCTCAGAAGTGCAATTCCTGCTGTCTCAGGGGCTTGAACACCAAGGCAC 320
QY 649 tcagggatcctggagtcagaagcagcagcccggtgtgtgactccttgggggtgacatg 708
DB 319 TCCAGGGATCCTGGAGTCNAAGCAGCAGCCCGCGTGTGTGCACTCCTTGGGGGTGACATG 260
QY 709 ggggtagcgcagtcacccctctccttggctggcagcagcactggtttgagctgtccc 768
DB 259 GGGGTAGCGCGCAGTCCACCTGCTGCTGGCTGGCAGCCACACTGGTTTGA----- 206
QY 769 agacaaagccctgtcagctgccagagccctgtgtgggacagggcccaacttctctcagc 828
DB 207 -----GACAGCCCAACGTAC-TCCTCAGC 185
QY 829 agagctggagcagcagggccagacacagcccccagcagctgagagcgtctggcagccat 888
DB 184 AGAGCTGGAGGACAGCAAGCCAGGACAGCCAGCCAGCAGCTGAGAGCGCTCTGGCAGCCAT 125
QY 889 gaccacgtggctccgggacgc 911
DB 124 GACCACCGTGGCTCCGGTACGC 102

RESULT 2
PCT-US95-07289-13/c
; Sequence 13, Application PC/TUS9507289
; GENERAL INFORMATION:
; APPLICANT: Yu, Guo-Liang
; APPLICANT: Rosen, Craig
; TITLE OF INVENTION: Colon Specific Genes and Proteins
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Carella, Byrne, Bain, Gilfillan, Cecchi,
; ADDRESSER: Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: NJ
; COUNTRY: USA
; ZIP: 07068-1739
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07289
; FILING DATE: 06-JUN-1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Ferraro, Gregory D.
; REGISTRATION NUMBER: 36,134
; REFERENCE/DOCKET NUMBER: 325800-265
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 13:
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; SEQUENCE CHARACTERISTICS:
; LENGTH: 570 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 125..367
; FEATURE:
; NAME/KEY: mat_peptide
; LOCATION: 125..367
; PCT-US95-07289-13

Query Match 33.5%; Score 305.4; DB 5; Length 570;
Best Local Similarity 85.7%; Pred. No. 2.1e-83;
Matches 431; Conservative 0; Mismatches 16; Indels 56; Gaps 6;

QY 413 tgctcctcggtgagcagtgagcctttattcgtttaagacatcagctccagatgaact 472
DB 552 TTTTTCGGGTGGAGCATGGGAC-----TACGTTAAACATCAGGCTCCAGATGAAT 499
QY 473 ttacagagaagcgtctgcgggagcaaaaggagacagaagctgagatgaacagtgctgg 532
DB 498 TTCAGCAGAAGGCGTT-CCGGAGCAAAAGGACAGAAAAGCTGAGATGAACAGTGCCTGG 440
QY 533 cagcaatcacagccgggcaaaaggtgctccgagcctcgatcccccgcc-gggggcagct 591
DB 439 CAGCAATCACAGCCGGGCAAGGCTGCTCGAGCCTCGCATCCCCCGCGGGGGCAGCT 380
QY 592 ggagtgctcagaaggtgcatctgctt---cctgcaggggcttgaacacacagggcac 648
DB 379 GGAGGTGCTCAGAAGTGCAATTCCTGCTGTCTCAGGGGCTTGAACACCAAGGCAC 320
QY 649 tcagggatcctggagtcagaagcagcagcccggtgtgtgactccttgggggtgacatg 708
DB 319 TCCAGGGATCCTGGAGTCNAAGCAGCAGCCCGCGTGTGTGCACTCCTTGGGGGTGACATG 260
QY 709 ggggtagcgcagtcacccctctccttggctggcagcagcactggtttgagctgtccc 768
DB 259 GGGGTAGCGCGCAGTCCACCTGCTGCTGGCTGGCAGCCACACTGGTTTGA----- 206
QY 769 agacaaagccctgtcagctgccagagccctgtgtgggacagggcccaacttctctcagc 828
DB 207 -----GACAGCCCAACGTAC-TCCTCAGC 185
QY 829 agagctggagcagcagggccagacacagcccccagcagctgagagcgtctggcagccat 888
DB 184 AGAGCTGGAGGACAGCAAGCCAGGACAGCCAGCCAGCAGCTGAGAGCGCTCTGGCAGCCAT 125
QY 889 gaccacgtggctccgggacgc 911
DB 124 GACCACCGTGGCTCCGGTACGC 102

RESULT 3
US-08-631-469B-3/c
; Sequence 3, Application US/08631469B
; Patent No. 6221840
; GENERAL INFORMATION:
; APPLICANT: Daniel K. Podolsky
; TITLE OF INVENTION: INTESTINAL TREFOIL PROTEINS
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
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COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/631,469B
FILING DATE: 12-Apr-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/631,469
FILING DATE: 12-APR-1996
APPLICATION NUMBER: 08/191,352
FILING DATE: 02-FEB-1994
APPLICATION NUMBER: 08/037,741
FILING DATE: 25-MAR-1993
APPLICATION NUMBER: 07/837,192
FILING DATE: 13-FEB-1992
APPLICATION NUMBER: 07/655,965
FILING DATE: 14-FEB-1991
ATTORNEY/AGENT INFORMATION:
NAME: Melklejohn, Ph.D., Anita L.
REGISTRATION NUMBER: 35,283
REFERENCE/DOCKET NUMBER: 00786/322001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-542-5070
TELEFAX: 617-542-8906
TELEX: 200107
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 400 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Coding Sequence
LOCATION: 2...223
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-08-631-469B-3

Query Match 31.4%; Score 286.4; DB 4; Length 400;
Best Local Similarity 93.9%; Pred. No. 1e-77;
Matches 323; Conservative 0; Mismatches 11; Indels 10; Gaps 2;

QY 418 tcgggtggagcattgacacatttattcgtaaacacacagctccagatatagaactttcag 477
DB 396 TCGGGTGGACATGGACCTTTATTCGTTAAGACATCAGCTCCAGATATGAACITTCAG 337
QY 478 cagaagcgttgcgggagcaaaaggagcaaaagctgagatgaacagtcgctggcagca 537
DB 336 CAGAA-AGCTTCCGGGAGCAAAAGGACAGAAAACTGAGATGAACAGTGCCTGGCAGCA 278
QY 538 atcacagccgggcaagggtgctccgagcctcgcatcccccgccggggcagctggaggt 597
DB 277 ATCAGACCCGGGCAAGGGTGCTCAG-----CCTGCATCCAGGGGCAGCTGGAGGT 227
QY 598 gctcagaagtgcttcttccttccttcgaggggcttgaacacaaaggcactccaggtat 657
DB 226 GCCTCAGAGGTGCATTCCTTCCTCAGAGGGCTTGAACACCAAGGCACTCCAGGGAT 167
QY 658 cctggagtcaaacagcagcccggttggcactcttgggggtgacatgggggtagcc 717
DB 166 CTTGGAGTCAAAAGCAGCAGCCCGGTTGTTCACACTCCTTGGGGGTGACATGGGGTAGCC 107
QY 718 gcagtcacccctgcttcttggctggcagcggcacactggtttgcag 761
DB 106 GCAGTCACCCCTGCTCTTGGCCGGCAGCGGCACACTGGTTTGACG 63

RESULT 4
US-08-476-705A-3/c
Sequence 3, Application US/08476705A
Patent No. 6063755
GENERAL INFORMATION:
APPLICANT: Podolsky, Daniel K.

TITLE OF INVENTION: INTESTINAL TREFOIL PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: US
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/476,705A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Melklejohn, Ph.D., Anita L.
REGISTRATION NUMBER: 35,283
REFERENCE/DOCKET NUMBER: 00786/066004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-542-5070
TELEFAX: 617-542-8906
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 403 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-476-705A-3

Query Match 29.1%; Score 265.4; DB 3; Length 403;
Best Local Similarity 91.6%; Pred. No. 2.5e-71;
Matches 318; Conservative 0; Mismatches 16; Indels 13; Gaps 3;

QY 418 tcgggtggagcattgacacatttattcgtaaacacacagctccagatatagaactttcag 477
DB 399 TCGGGTGGACATGGACCTTTATTCGTTAAGACATCAGCTCCAGATATGAACITTCAG 340
QY 478 cagaagcgttgcgggagcaaaaggagcaaaagctgagatgaacagtcgctggcagca 537
DB 339 CAGAA-AGCTTCCGGGAGCAAAAGGACAGAAAACTGAGATGAACAGTGCCTGGCAGCA 281
QY 538 atcacagccgggcaagggtgctccgagcctcgcatcccccgccggggcagctggaggt 597
DB 280 ATCAGACCCGGGCAAGGGTGCTCAG-----CCTGCATCCAGGGGCAGCTGGAGGT 230
QY 598 gctcagaagtgcttcttccttccttcgaggggcttgaacacaaaggcactccaggt 654
DB 229 GCCTCAGAGGTGCATTCCTTCCTAGTCAGGGGCTTGAACACCAAGGCACTCCAGG 170
QY 655 gatcctgagatcaaaaggcagcccggttggcactccttgggggtgacatgggggata 714
DB 169 GATCCTGGAGTCAAAAGCAGCAGCCCGGTTGTTCACACTCCTTGGGGGTGACATGGGGGTA 110
QY 715 gcgcgagtcacccctgcttcttggctggcagcggcacactggtttgcag 761
DB 109 GCCTCAGTCCACCTGCTCTTGGCCGGCAGCGGCACACTGGTTTGACG 63

RESULT 5
US-09-030-607-179/c
Sequence 179, Application US/09030607
Patent No. 6262245
GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Dillon, Davin C.
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE CANCER AND METHODS
NUMBER OF SEQUENCES: 224
CORRESPONDENCE ADDRESS:

ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/030,607
FILING DATE: 25-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.427C3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 179:
SEQUENCE CHARACTERISTICS:
LENGTH: 250 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-030-607-179

Query Match 25.9%; Score 236.2; DB 4; Length 250;
Best Local Similarity 98.8%; Pred. No. 1.5e-62;
Matches 238; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 413 tgcctcgggtgagcatggacatttattcgttaagacatcaggctccagatatgaact 472
Db 241 TTTTTCGGGTGAGCATGGACCTTTATTCTGTTAAGACATCAGGCTCCAGATATGAAC 182
QY 473 ttacagagaagcgtctgcggagcaaaaggacagaaaagctgagatgaacagtcctgg 532
Db 181 TTACAGAGAAGCGCTTCCCGGAGACAAAGGACAGAAAAGCTGAGATGAACATGCTCG 122
QY 533 cagcaatcacagccgggcaagggtgctccagagctcgcatcccccgccggggcagctg 592
Db 121 CACATACAGCCGGCAGAGGTGCTCCGAGCTCGCATCCCCCGCCGGGGCAGCTG 62
QY 593 gagtgctcagaagtgatcttctcgtcagggtgttgaacacacaaaggcactcca 652
Db 61 GAGGTGCTCAGAAGGTGATCTTCTGCTGAGGGGCTTGAACACCAAGGCACCTCCA 2
QY 653 g 653
Db 1 G 1

RESULT 6
US-09-956-77/c
Sequence 77, Application US/09020956
Patent No. 6261562
GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Dillon, Davin C.
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE CANCER AND METHODS FO
NUMBER OF SEQUENCES: 178
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98104
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/020,956
FILING DATE: 09-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.427C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 248 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
ORIGINAL SOURCE:
ORGANISM: Homo Sapiens
US-09-020-956-77

Query Match 24.2%; Score 220.6; DB 4; Length 248;
Best Local Similarity 97.5%; Pred. No. 8.4e-56;
Matches 235; Conservative 0; Mismatches 4; Indels 2; Gaps 1;
QY 413 tgcctcgggtgagcatggacatttattcgttaagacatcaggctccagatatgaact 472
Db 239 TTTTTCGGGTGAGCATGGACCTTTATTCTGTTAAGACATCAGGCTCCAGATATGAAC 180
QY 473 ttacagagaagcgtctgcggagcaaaaggacagaaaagctgagatgaacagtcctgg 532
Db 179 TTACAGAGAAGCGCTTCCCGGAGACAAAGGACAGAAAAGCTGAGATGAACATGCTCG 120
QY 533 cagcaatcacagccgggcaagggtgctccagagctcgcatcccccgccggggcagctg 592
Db 119 CAGCATACAGCCGGCAGAGGTGCTCCGAGCTCGCATCCCCCGCCGGGGCAGCTG 62
QY 593 gagtgctcagaagtgatcttctcgtcagggtgttgaacacacaaaggcactcca 652
Db 61 GAGGTGCTCAGAAGGTGATCTTCTGCTGAGGGGCTTGAACACCAAGGCACCTCCA 2
QY 653 g 653
Db 1 G 1

RESULT 7
US-09-030-607-77/c
Sequence 77, Application US/09030607
Patent No. 6262245
GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Dillon, Davin C.
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE CANCER AND METHODS
NUMBER OF SEQUENCES: 224
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30


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; REFERENCE/DOCKET NUMBER: 00786/322001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200107
;
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 431 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 18...260
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-08-631-469B-1

Query Match 11.2%; Score 102; DB 4; Length 431;
Best Local Similarity 59.7%; Pred. No. 1.5e-21;
Matches 138; Conservative 0; Mismatches 60; Indels 0; Gaps 0

QY 586 ggaagctggagggtgcctcagaagggtgcattctctcctgcagggggttgaaacacaaagg 645
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 278 GGAGCCTGCACAGCTTCAAAATGTACATTCTGTCTCTTGCAGAGGTTGAAAGCACCAGGG 219
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 546 cactcagagatcctcggagtcacaaagcacacacaccccggtgtgttcactcccttgggggtgac 705
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 218 CACATTGGGATGCTGGAGTCAAAACACACACACCGGTGTGTACACTGCTCTGATGTGAC 159
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 706 atggggggtgagcgcagtcacccctgcctctggctggcagcgcacactgggttcgacgtgtg 765
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 158 AGTGGGGTGTGTACAGTCCACCCTGACATTTGTTGGCGCCATACATTGGCTTGGAGATAG 99
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 766 ccagacaaagccctgctc 783
    ||||| ||||| ||||| |||||
Db 98 GCCAACAAATCTCTGGGC 81
    ||||| ||||| ||||| |||||

RESULT 10
US-08-491-976-2/c
; Sequence 2, Application US/08491976
; Patent No. 5783416
;
; GENERAL INFORMATION:
; APPLICANT: Thim, Lars
; APPLICANT: No. 5783416ris, Kjeld
; APPLICANT: No. 5783416ris, Fanny
; APPLICANT: Bjord, Soren E.
; APPLICANT: Christensen, Mogens
; APPLICANT: Nielsen, Per F.
;
; TITLE OF INVENTION: Human Spasmodytic Polypeptide in
; TITLE OF INVENTION: Glycosylated Form
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5783416 No. 5783416disk of No. 5783416th America, Inc.
; STREET: 405 Lexington Avenue, 64th floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/491.976
; FILING DATE: 02-AUG-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 3951.204-US

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Db 108 CAGGTCTCTGTGGCCTGTGGCCAGGCGCATGGACACGAGGACCGAGGCGGCGAGA 51
|||||

RESULT 12

US-08-134-198E-1/C

; Sequence 1, Application US/08134198E

; Patent No. 6190885

; GENERAL INFORMATION:

; APPLICANT: CANCER RESEARCH FUND

; APPLICANT: OF CONTRA COSTA

; APPLICANT: PETERSON, JERRY A.

; APPLICANT: LAROCCA, DAVID J.

; TITLE OF INVENTION: FUSION PROTEIN CONTAINING HMFG

; NUMBER OF SEQUENCES: 42

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Pretty, Schroeder & Poplawski

; STREET: 444 South Flower Street, Suite 1900

; CITY: Los Angeles

; STATE: California

; COUNTRY: USA

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0,

; SOFTWARE: Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/134,198E

; FILING DATE: October 8, 1993

; CLASSIFICATION: 530

; ATTORNEY/AGENT INFORMATION:

; NAME: Amzel, Viviana

; REGISTRATION NUMBER: 30,930

; REFERENCE/DOCKET NUMBER: P66 38208 (CRFC-003C)

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 622-7700

; TELEFAX: (213) 489-4210

; INFORMATION FOR SEQ ID NO: 1:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 275 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

US-08-134-198E-1

Query Match 5.3%; Score 48; DB 4; Length 275;

Best Local Similarity 55.4%; Pred. No. 3.1e-05;

Matches 93; Conservative 0; Mismatches 75; Indels 0; Gaps 0;

QY 629 ggcttgaacacacagcactccagggatcctggagtcacaaagcagcagcccggtttgtg 688
|||||

Db 236 GGATAGAAGCACCAGGGGACCCACCAACGGTGTCTCGAAGCAGGAGCCCTATTGCA 177
|||||

QY 689 cactcttgggttgacatgggggtgacgcagtcacacccctgtccttggctggcagcgca 748
|||||

Db 176 CACTGGGAGGGCGTGACACCAAGGAAAACCAATTCGTCTTCACGGGGGCCACTGTA 117
|||||

QY 749 cactggtttgcagctgtccacagaagccctgtcagctgcagagacc 796
|||||

Db 116 CAGCTCTCTGTGGCCTGGCCAGGCGGTCGCCAGGGCCAGCATGGAC 69
|||||

RESULT 13

US-08-134-198E-2/C

; Sequence 2, Application US/08134198E

; Patent No. 6190885

; GENERAL INFORMATION:

; APPLICANT: CANCER RESEARCH FUND

; APPLICANT: OF CONTRA COSTA

; APPLICANT: PETERSON, JERRY A.
; APPLICANT: LAROCCA, DAVID J.
; TITLE OF INVENTION: FUSION PROTEIN CONTAINING HMFG
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Pretty, Schroeder & Poplawski

; STREET: 444 South Flower Street, Suite 1900

; CITY: Los Angeles

; STATE: California

; COUNTRY: USA

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0,

; SOFTWARE: Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/134,198E

; FILING DATE: October 8, 1993

; CLASSIFICATION: 530

; ATTORNEY/AGENT INFORMATION:

; NAME: Amzel, Viviana

; REGISTRATION NUMBER: 30,930

; REFERENCE/DOCKET NUMBER: P66 38208 (CRFC-003C)

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 622-7700

; TELEFAX: (213) 489-4210

; INFORMATION FOR SEQ ID NO: 2:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 275 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: RNA

US-08-134-198E-2

Query Match 5.3%; Score 48; DB 4; Length 275;

Best Local Similarity 55.4%; Pred. No. 3.1e-05;

Matches 93; Conservative 0; Mismatches 75; Indels 0; Gaps 0;

QY 629 ggcttgaacacacagcactccagggatcctggagtcacaaagcagcagcccggtttgtg 688
|||||

Db 236 GGATAGAAGCACCAGGGGACCCACCAACGGTGTCTCGAAGCAGGAGCCCTATTGCA 177
|||||

QY 689 cactcttgggttgacatgggggtgacgcagtcacacccctgtccttggctggcagcgca 748
|||||

Db 176 CACTGGGAGGGCGTGACACCAAGGAAAACCAATTCGTCTTCACGGGGGCCACTGTA 117
|||||

QY 749 cactggtttgcagctgtccacagaagccctgtcagctgcagagacc 796
|||||

Db 116 CAGCTCTCTGTGGCCTGGCCAGGCGGTCGCCAGGGCCAGCATGGAC 69
|||||

RESULT 14

5514558-1/C

; Patent No. 5514558

; APPLICANT: CRIANI, ROBERTO L.; PETERSON, JERRY A.;

; LAROCCA, DAVID J.

; TITLE OF INVENTION: HIGHLY SENSITIVE AND SPECIFIC SOLID-PHASE

; COMPETITIVE ASSAY UTILIZING A FUSION PROTEIN

; NUMBER OF SEQUENCES: 11

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/129,540

; FILING DATE: 30-SEP-1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 46,103

; FILING DATE: 08-APR-1993

; APPLICATION NUMBER: 473,673

; FILING DATE: 02-FEB-1990

; SEQ ID NO: 1:

; LENGTH: 275

5514558-1

Query Match
 Best Local Similarity 5.3%; Score 48; DB 6; Length 275;
 Matches 93; Conservative 0; Mismatches 75; Indels 0; Gaps 0;

Qy 629 ggccttgaacacacagcactccaggatccctggagtcacaaagcagcagcccggtgttg 688
 Db 236 GGATAGAACACACAGGAGCCACGACGAGGTGCTGCGAAACAGCAGCCCTTATTGCA 177

Qy 689 cactccttggggtgacatggggtagccgagtcacacccctctccttggctggcagcgca 748
 Db 176 CACTGGGAGGGGTGACACAGCAAAACCAATCTGTCTTTACGGGGGGCCACTGTA 117

Qy 749 cactggtttgcagctgccagacaaagccctgtcagctgccagagcc 796
 Db 116 CACGTCTGTCTGGGCTCGCCAGGTCGCGAGGGCCAGCATGGAC 69

RESULT 15

US-08-134-198E-3/c
 ; Sequence 3, Application US/08134198E
 ; Patent No. 6190885
 ; GENERAL INFORMATION:
 ; APPLICANT: CANCER RESEARCH FUND
 ; APPLICANT: OF CONTRA COSTA
 ; APPLICANT: PETERSON, JERRY A.
 ; APPLICANT: LAROCCA, DAVID J.
 ; TITLE OF INVENTION: FUSION PROTEIN CONTAINING HMFG
 ; NUMBER OF SEQUENCES: 42
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Pretty, Schroeder & Poplawski
 ; STREET: 444 South Flower Street, Suite 1900
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 90071
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0,
 ; SOFTWARE: Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/134,198E
 ; FILING DATE: October 8, 1993
 ; CLASSIFICATION: 520
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Anzel, Viviana
 ; REGISTRATION NUMBER: 30,930
 ; REFERENCE/DOCKET NUMBER: P66 38208 (CRFC-003C)
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 622-7700
 ; TELEFAX: (213) 489-4210
 ; INFORMATION FOR SEQ ID NO: 3:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 280 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA
 ; US-08-134-198E-3

Query Match
 Best Local Similarity 5.3%; Score 48; DB 4; Length 280;
 Matches 93; Conservative 0; Mismatches 75; Indels 0; Gaps 0;

Qy 629 ggccttgaacacacagcactccaggatccctggagtcacaaagcagcagcccggtgttg 688
 Db 240 GGATAGAACACAGGAGCCACGACGAGGTGCTGCGAAACAGCAGCCCTTATTGCA 181

Qy 689 cactccttggggtgacatggggtagccgagtcacacccctgtccttggctggcagcgca 748
 Db 180 CACTGGGAGGGCGTGACACACAGGAAACCAATTCGTCTTTACGGGGGGCCACTGTA 121

Qy 749 cactggtttgcagctgtccagacaaagccctgtcagctgccagagacc 796
 Db 120 CACGTCTGTCTGGGCTCGGCCAGGGTGCCGAGGGCCAGCATGGAC 73

Search completed: March 18, 2002, 21:01:04
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